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**THOMAS J. PERKOWSKI, ESQ., P.C.**  
*Intellectual Property Advocacy*  
Soundview Plaza  
1266 East Main Street  
Stamford, Connecticut 06902

**Thomas J. Perkowski**  
Also admitted in New York

**Telephone: 203-357-1950**  
**Facsimile: 203-357-1959**  
**Email: [info@tipatlaw.com](mailto:info@tipatlaw.com)**

**FACSIMILE TRANSMITTAL LETTER**

**Date:** September 25, 2007

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**TO: The OIPE of the USPTO**

FROM: Thomas J Perkowski, Esq., P.C.

RE: Supplemental Information Disclosure Statement attached

Number of Pages Being Sent Including This Transmittal Letter: 7

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re application of:**

Applicants : Allan Wirth and Andrew Jankevics  
Application Serial No.: 10/777,476  
Filing Date: : February 12, 2004  
Title : FREE SPACE OPTICAL (FSO) LASER COMMUNICATION  
SYSTEM EMPLOYING FADE MITIGATION MEASURES  
BASED ON LASER BEAM SPECKLE TRACKING AND  
LOCKING PRINCIPLES  
Examiner : Nathan M. Curs  
Group Art Unit : 2876  
Attorney Docket No. : 155-010USA000

Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. 1.97**

Sir:

In order to fulfill Applicants' continuing obligation of candor and good faith as set forth in 37 C.F.R. 1.56, Applicants submit herewith a supplemental Information Disclosure Statement prepared in accordance with 37 C.F.R Sections 1.97, 1.98 and 1.99.

The disclosures enclosed herewith are as follows:

**U.S. PUBLICATIONS**

<u>NUMBER</u>	<u>FILING DATE</u>	<u>TITLE</u>
2004/0208597 A1	July 30, 2002	FREE-SPACE OPTICAL TRANSCEIVER LINK
2004/0141752 A1	April 15, 2003	FREE SPACE OPTICAL COMMUNICATION SYSTEM WITH POWER LEVEL MANAGEMENT
2002/0109884 A1	February 15, 2001	AGILE MULTI-BEAM FREE-SPACE OPTICAL COMMUNICATION APPARATUS

## SEARCH REPORT

PCT Search Report for PCT/US05/04389, completed October 12, 2006.

## ABSTRACTS OF DISCLOSURE

U.S. Publication No. 2004/0208597 A1 to Wittenberger et al. discloses a wireless communication system for minimizing interference from physical limitations and the environment that includes at least a pair of optical links wherein each link includes a steered-beam transmitter assembly and a steered-beam receiver assembly. The steered-beam transmitter assembly couples a data signal to be transmitted and a first control signal at a first wavelength. The steered-beam transmitter assembly includes a first micromirror assembly for directing the transmitted data signal. The steered-beam receiver assembly couples to receive the data signal having the first control signal coupled thereto and simultaneously generates and transmits a second control signal at a second wavelength. The steered-beam receiver assembly includes a second micromirror assembly for directing the second control signal. The first and second control signals position the second and first micromirror assembly, respectively, such that the data signal is centered in the field of view of the steered-beam receiver assembly. Thus, the generated control signals effectively steer the data signal that is transmitted by the steered-beam transmitter assembly and the data signal received by the steered-beam receiver assembly.

U.S. Publication No. 2004/0141752 to Shelton et al. discloses a free space optical communication system that includes an adaptive optical power regulator. The adaptive optical power regulator adapts to changes in effective loss associated with the free space optical path. In one embodiment the adaptive optical power regulator adapts to scintillation losses. In another embodiment, the adaptive optical power regulator further adapts to changes in atmospheric loss associated with changes in weather.

U.S. Publication No. 2002/0109884 to Presley et al. discloses an electronically agile multi-beam optical transceiver that has a first crossbar switch, and switches input signals to selected ones of a spatial array of light emitters. The light emitters supply modulated light beams to spatial locations of a telecentric lens, which geometrically transforms the beams along different divergence paths, in accordance with displacements from the lens axis of the light emitter elements within the spatial array. Light beams from remote sites incident on a divergence face of the telecentric lens are deflected to a photodetector array, outputs of which are coupled to a second crossbar switch. An auxiliary photodetector array monitors optical beams from one or more sites whose spatial locations are known, and supplies spatial error correction signals for real-time pointing and tracking and atmospheric correction.

A separate listing of the above references on PTO Form 1449 is attached hereto for the convenience of the Examiner.

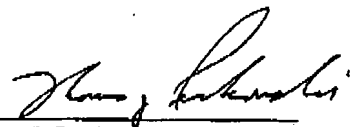
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The Commissioner is also hereby authorized to charge the requisite IDS filing fee of \$180.00 to Deposit Account No. 16-1340.

Respectfully submitted,

Dated: September 25, 2007

  
Thomas J. Perkowski  
Reg. No. 33,134  
Attorney for Applicants  
Thomas J. Perkowski, Esq., P.C.  
Soundview Plaza  
1266 East Main Street  
Stamford, Connecticut 06902  
203-357-1950  
<http://www.tjpatlaw.com>

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37 C.F.R. 1.8

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Date: September 25, 2007

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